

## CLAIMS

1. A peer-to-peer network of devices, said peer-to-peer network comprising:  
a plurality of network devices locatable in two or more zones and connected together over a digital network, data being streamed over said digital network, each of said network devices including one or more data communication units;  
at least two said network devices including a receiving unit, said at least two devices being located in different ones of said zones, each of said receiving units controlling local reception of data from said data stream; and  
at least two said network devices including a source unit, each said source unit selectively providing data to said data stream,  
wherein a person at a first network device may select to receive data from a first source unit while a second person at a second network device is receiving data from a second source unit.
2. A peer-to-peer network as in claim 1, wherein the digital network further comprises:  
at least one network device including an intercom unit in communication with receiving units, said intercom unit providing intercom, paging and station monitoring functions.
3. A peer-to-peer network as in claim 2, wherein at least one source unit is an audio source unit injecting audio data into the data stream.
4. A peer-to-peer network as in claim 3, wherein at least one receiver unit is an audio receiver extracting audio data from the data stream, said audio data being converted to sound and provided to the zone in which said audio receiver is located.
5. A peer-to-peer network as in claim 4, wherein at least one of the network devices is a room station, each said room station including an audio source unit, an audio receiver unit and an intercom unit.

1 6. A peer-to-peer network as in claim 5, wherein at least one of the network  
2 devices is a door station, each said door station including an audio receiver unit and  
3 an intercom unit.

1 7. A peer-to-peer network as in claim 5, wherein at least one of the network  
2 devices is a dual tuner. each said dual tuner including two audio receiver units.

1 8. A peer-to-peer network as in claim 5, wherein each of said network devices  
2 is attached to a central hub and is assigned a unique hub address.

1 9. A peer-to-peer network as in claim 8, wherein sound volume is set at each  
2 said audio receiver unit independent of sound volume settings at other said audio  
3 receiver units.

1 10. A peer-to-peer network as in claim 8, wherein sound tone is set at each said  
2 audio receiver unit independent of sound tone settings at other said audio receiver  
3 units.

1 11. A peer-to-peer network as in claim 8, including a plurality of audio source  
2 units each providing audio data from one of a plurality of audio sources.

1 12. A peer-to-peer network as in claim 11, wherein said plurality of audio  
2 sources includes a radio tuner, a compact disc player, a mini-disc player, a  
3 microphone, a cassette player and a compressed audio data source and, wherein any  
4 audio receiver unit may select audio data from any audio source unit independent of  
5 other said audio receiver units

1 13. A peer-to-peer network as in claim 11, wherein a plurality of said network  
2 devices include an interactive display displaying status information, commands



11 at least one network device including an intercom unit in communication  
12 with receiving units, said intercom unit providing intercom, paging and station  
13 monitoring functions;

14 at least two said network devices including a source unit, each said source  
15 unit selectively providing data to said data stream,

16 wherein a person at a first network device may select to receive data from a  
17 first source unit while a second person at a second network device is receiving data  
18 from a second source unit.

1 20. A communication and entertainment network as in claim 19, wherein at least  
2 one source unit is an audio source unit injecting audio data into the data stream.

1 21. A communication and entertainment network as in claim 20, wherein at least  
2 one receiver unit is an audio receiver extracting audio data from the data stream, said  
3 audio data being converted to sound and provided to the zone in which said audio  
4 receiver is located.

1 22. A communication and entertainment network as in claim 21, wherein at least  
2 one of the network devices is a room station, each said room station including an  
3 audio source unit, an audio receiver unit and an intercom unit.

1 23. A communication and entertainment network as in claim 22, wherein at least  
2 one of the network devices is a door station, each said door station including an  
3 audio receiver unit and an intercom unit.

1 24. A communication and entertainment network as in claim 22, wherein at least  
2 one of the network devices is a dual tuner, each said dual tuner including two audio  
3 receiver units.

1 25. A communication and entertainment network as in claim 21, wherein sound  
2 volume is set at each said audio receiver independent of sound volume settings at  
3 other said audio receiver units.

1 26. A communication and entertainment network as in claim 21, wherein sound  
2 tone is set at each said audio receiver independent of sound tone settings at other  
3 said audio receiver units.

1 27. A communication and entertainment network as in claim 21, including a  
2 plurality of audio source units each providing audio data from one of a plurality of  
3 audio sources.

1 28. A communication and entertainment network as in claim 27, wherein said  
2 plurality of audio sources includes a radio tuner, a compact disc player, a mini-disc  
3 player, a microphone, a cassette player and a compressed audio data source and,  
4 wherein any audio receiver unit may select audio data from any audio source unit  
5 independent of other said audio receiver units.

1 29. A communication and entertainment network as in claim 27, wherein a  
2 plurality of said network devices include an interactive display displaying status  
3 information, commands being provided to units connected to said network through  
4 each said interactive display.

1 30. A communication and entertainment network as in claim 29, wherein said  
2 interactive display provides a menu of said commands, and wherein at least one  
3 interactive display displays time information.

1 31. A communication and entertainment network as in claim 29, wherein ones of  
2 said network devices may selectively disable issuance of commands from other ones  
3 of said network devices.

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1 32. A communication and entertainment network as in claim 29, wherein at least  
2 one network device includes a timer, said timer being able to initiate execution of  
3 selected commands.

1 33. A communication and entertainment network as in claim 19, wherein said  
2 digital network further includes a communication port selectively communicating  
3 with devices external to said digital network.